

## IMPORTANT SAFETY NOTICE

The information provided herein is designed to assist qualified repair personnel only. Untrained persons should not attempt to make repairs due to the possibility of electrical shock. Disconnect power cord before servicing.

## IMPORTANT

If any green grounding wires are moved during servicing, they must be returned to their original position and properly secured.

## CAUTION

System parts must be removed from cabinet before brazing. All electrical parts and wiring must be shielded from torch flame. Do not allow torch to contact insulation; it will char at 200°F and flash ignite (burn) at 500°F. Excessive heat will distort the plastic liner.

## SERVICE DATA SHEET - 218768301

R134a

STANDARD - AUTOMATIC DEFROST  
SIDE BY SIDE MODELS

### PERFORMANCE DATA

NO LOAD AND NO DOOR OPENINGS AT MID-POINT CONTROL SETTING

Type A With Run/Start Capacitor	65°F Ambient	90°F Ambient
Operating Time	37 to 45%	55 to 63%
Freezer Temperature	-2° to 3°F	-2° to 4°F
Refrigerator Temperature	34° to 39°F	34° to 39°F
Low Side Pressure (cut-in)	5 to 12 psig	5 to 12 psig
Low Side Pressure (cut-out)	-2 to 2 psig	-2 to 2 psig
High Side Pressure (Last 1/3 of cycle)	110 to 130 psig	150 to 180 psig
Wattage (Last 1/3 of cycle)	170 to 200	180 to 210
Amps (Running)	1.5 to 1.8	1.5 to 1.8
Base Voltage	115 VAC	115 VAC

### DEFROST SPECIFICATIONS

Cabinet Size	Thermostat		Heater	
	Cut-in	Cut-out	Watts	Ohms
20'	+25°F	+47°F	400	33
22' to 28'	+25°F	+47°F	450	30

Defrost 30 Minutes Every 8 Hours of Compressor Run Time

### CONDENSER FAN MOTOR

Watts	RPM	Amps
2.3	1300 CW Opposite Shaft	.15 Running

### THERMOSTATIC DAMPER

	Full Open	Closed
	35°F +/- 2°F	22°F +/- 2°F

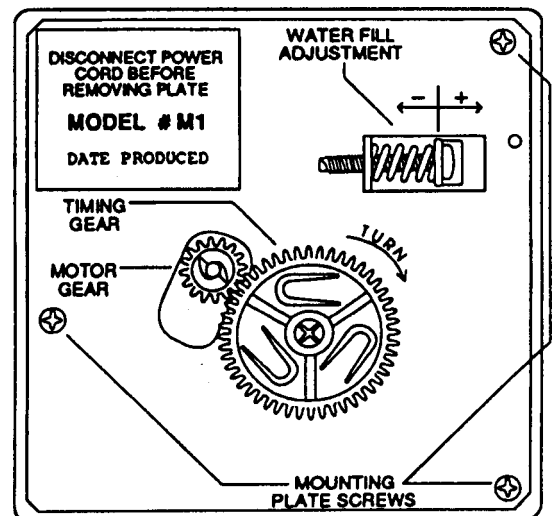
### ICE MAKER SPECIFICATIONS

Electrical	115 Volts	60 Hertz
Thermostat	Opens at 48°F	Closes at 15°F
Heater Wattage	165	

## ICE MAKER INFORMATION

### Test Cycling

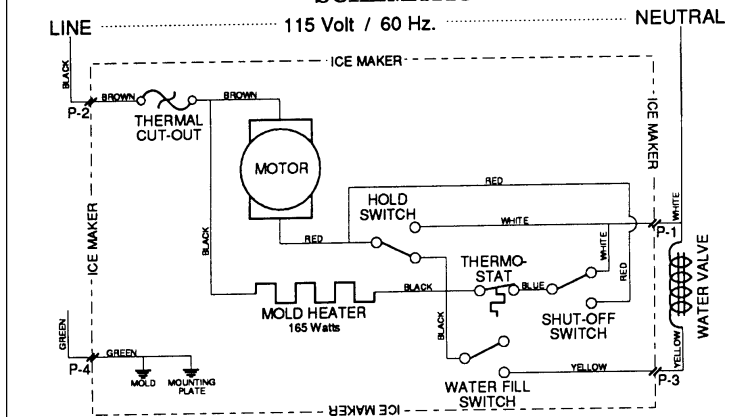
Remove cover by inserting screwdriver in notch at bottom and prying cover from housing. Use screwdriver to rotate motor gear counterclockwise until holding switch circuit is completed. All components of ice maker should function to complete the cycle.



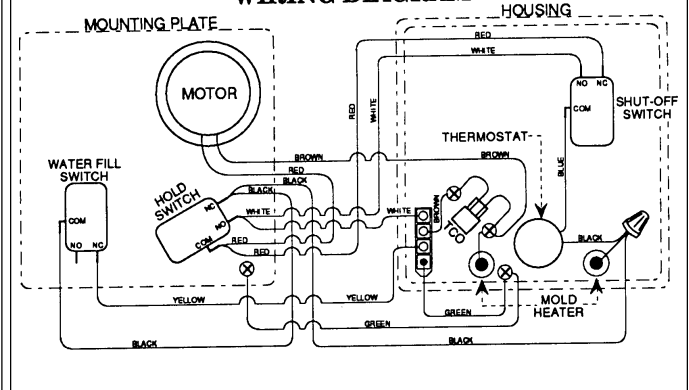
### Water Fill Volume

The water fill adjustment screw will change the fill time. One full turn is equal to 20cc (.68 oz.). The correct fill is 90 to 120cc (3.0 to 4.0 oz.). When a water valve is replaced, the fill volume must be checked.

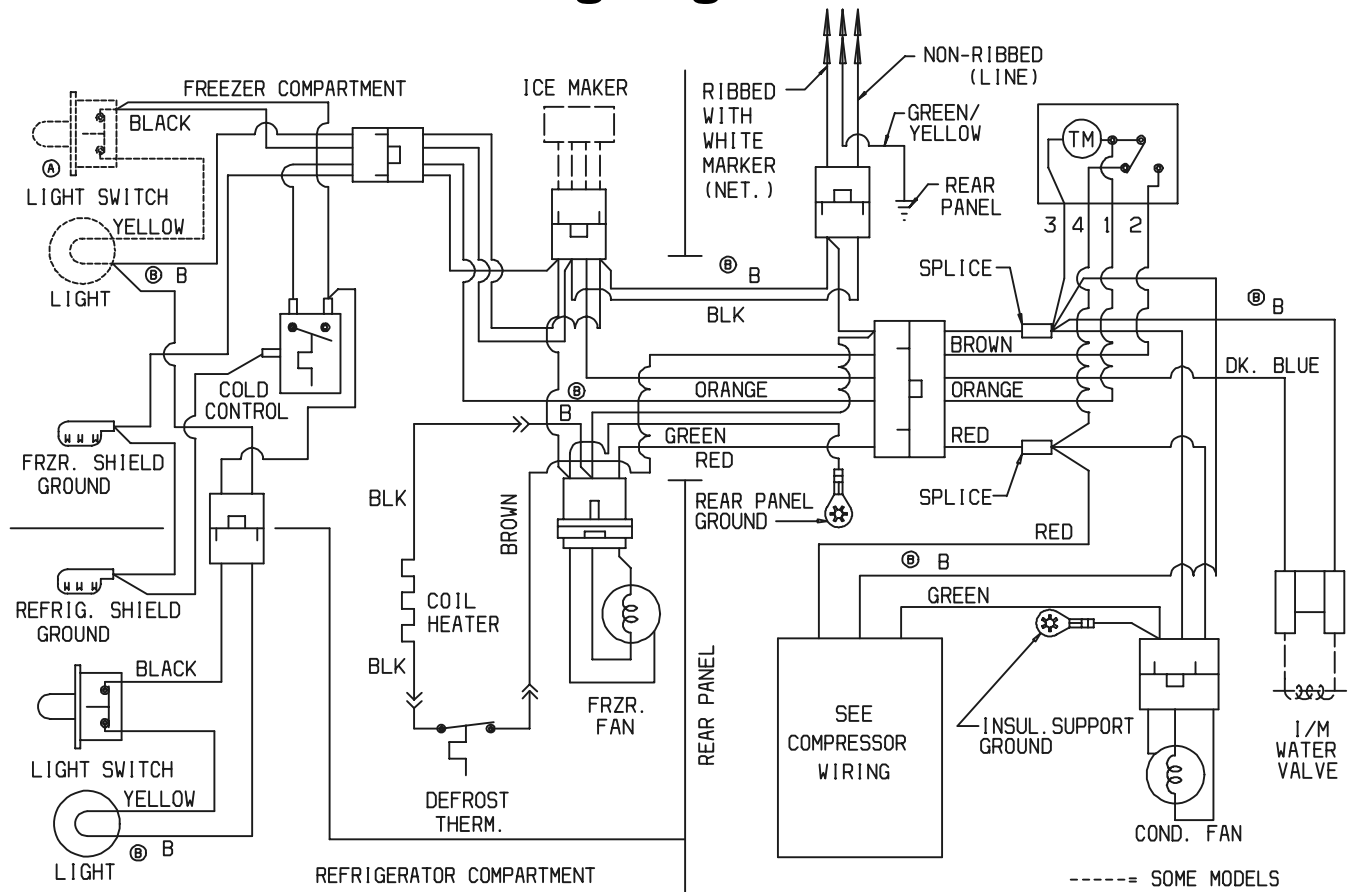
## SCHEMATIC



## WIRING DIAGRAM



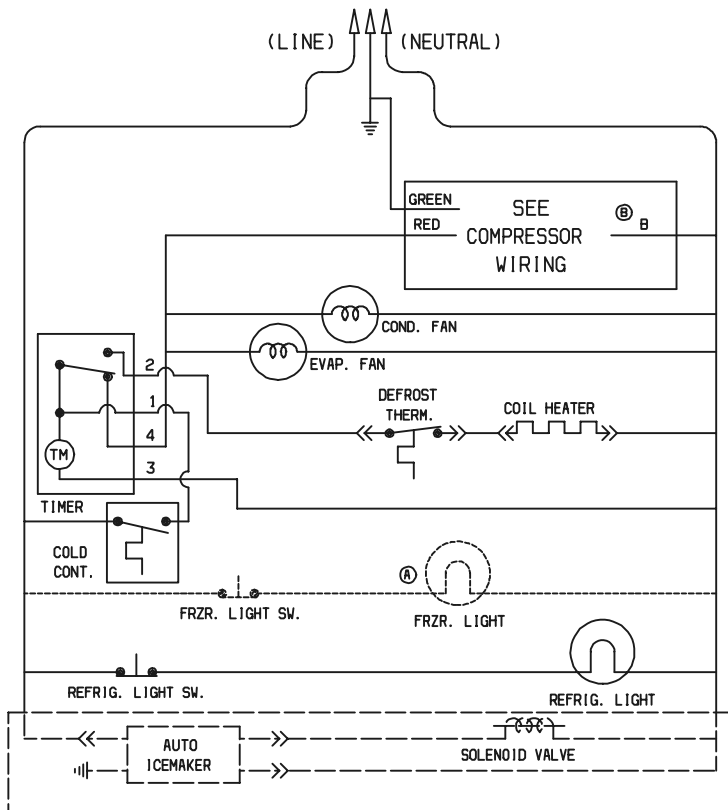
# Wiring Diagram



218287100B

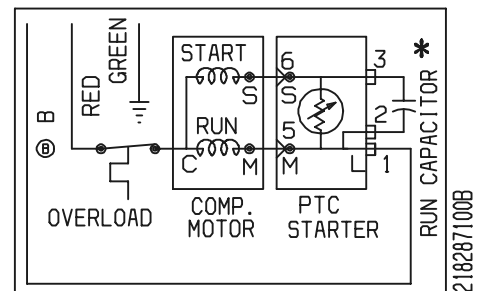
NOTE:  $\textcircled{B}$  = WHITE

## Schematic



## Compressor Wiring

P.T.C. STARTER WITH RUN CAPACITOR



\* CAPACITOR IS ONLY USED WITH SOME P.T.C. MODELS.

218287100B

## Compressor Terminal Location

